

Pollutants (formerly referred to as Causes) and Codes

Pollutant	Pollutant Code
.alpha.-BHC	01
.alpha.-Endosulfan(Endosulfan 1)	02
.beta.-BHC	03
.beta.-Endosulfan (Endosulfan 2)	04
.delta.-BHC	05
1,1,1,2-Tetrachloroethane	06
1,1,1-Trichloroethane	07
1,1,2,2-Tetrachloroethane	08
1,1,2-Trichloroethane	09
1,1-Dichloro-1,2,2-trifluoroethane	10
1,1-Dichloroethane	11
1,2,3,4-Tetrachlorobenzene	12
1,2,4,5-Tetrachlorobenzene	13
1,2,4-Trichlorobenzene	14
1,2,4-Trimethylbenzene	15
1,2-Butylene oxide	16
1,2-Dibromo-3-chloropropane	17
1,2-Dibromo-3-chloropropane (DBCP)	18
1,2-Dichlorobenzene	N/A
1,2-Dichloroethane	19
1,2-Dichloroethylene	20
1,2-Dichloropropane	21
1,2-Diphenylhydrazine	22
1,2-trans-dichloroethylene	N/A
1,3-Butadiene	23
1,3-Dichloropropene	24
1,4-Dioxane	25
2,2'-Dichlorodiethyl ether	26
2,2'-Dichlorodiisopropyl ether	27
2,3,7,8-Tetrachlorodibenzofuran	28
2,3-Dichloropropene	29
2,4,5-TP (Silvex)	30
2,4,5-Trichlorophenol	31
2,4,6-Trichlorophenol	33
2,4-D ¹	34
2,4-Diaminotoluene	35
2,4-Dichlorophenol	36
2,4-Dimethylphenol	37
2,4-Dinitrophenol	38
2,4-Dinitrotoluene	39
2,5-Dichlorophenol	40

2,6-Dinitrotoluene	41
2-Acetylaminofluorene	42
2-Chloroethyl vinyl ether	43
2-Choronaphthalene	44
2-Chlorophenol	45
2-Ethoxyethanol	46
2-Methoxyethanol	47
2-Methylnaphthalene	48
2-Methylpyridine	49
2-Nitrophenol	50
3,3'-Dichlorobenzidine	51
3,3'-Dimethoxybenzidine	52
3,3'-Dimethylbenzidine	53
3,4-Dichlorophenol	54
3-Chlorophenol	55
4,4'-Isopropylidenediphenol	56
4,4'-Methylenebis	57
4,4-Dichloro-2-butene	58
4-Aminobiphenyl	59
4-Bromophenylphenyl ether	60
4-Chloro-3-methylphenol (3-methyl-4-chlorophenol)	61
4-Chlorophenol	62
4-Dimethylaminoazobenzene	63
4-Methylphenol	64
4-Nitrophenol	65
5-Nitro-o-toluidine	66
Acenaphthene	68
Acenaphthylene	69
Acetaldehyde	70
Acetamide	71
Acetochlor	72
Acetonitrile	73
Acrolein	74
Acrylamide	75
Acrylonitrile	76
Alachlor	77
Aldicarb	78
Aldrin ¹	79
Alkalinity, Carbonate as CaCO ₃	80
Allyl alcohol	81
Allyl chloride	82
Alpha particles	83
Alum (aluminum sulfate)	86
Aluminum	87

Amitrole	90
Ammonia (Un-ionized)	91
Amnesic shellfish poisoning (ASP) biotoxins	92
Aniline	93
Anthracene	94
Antimony	95
Arsenic	96
Asbestos	97
Atrazine	99
BOD, Biochemical oxygen demand	100
BOD, carbonaceous	101
BOD, nitrogenous	102
BOD, sediment load (Sediment Oxygen Demand)	103
Barium	104
Benzal chloride	106
Benzene	107
Benzidine	108
Benzo(a)pyrene (PAHs)	109
Benzo[a]anthracene	110
Benzo[b]fluoranthene	111
Benzo[g,h,i]perylene	112
Benzo[k]fluoranthene	113
Benzoic Acid	114
Benzoyl chloride	115
Benzyl chloride	116
Beryllium ¹	117
Beta particles and photon emitters	118
Biphenyl	119
Bis(2-chloroethyl) ether	N/A
Bis(2-chloroethoxy)methane	120
Bis(2-chloroisopropyl) ether	N/A
Bis(2-chlormethyl) ether	N/A
Bis(2-ethylhexyl) phthalate	N/A
Bis(2-chloro-1-methylethyl)	121
Bis(n-octyl) phthalate	122
Boron	123
Bromoform	124
Butyl benzyl phthalate	125
Butyraldehyde	126
Cadmium	127
Captan	128
Carbaryl	129
Carbofuran	130
Carbon Disulfide	131

Carbon tetrachloride	132
Cesium	133
Chemical oxygen demand (COD)	134
Chloramben	135
Chloramines	136
Chlordane	137
Chloride	138
Chlorine	139
Chlorine dioxide (as ClO ₂)	140
Chloroacetic acid	141
Chlorobenzene (mono)	142
Chlorobenzilate	143
Chlorodibromomethane	144
Chlorodifluoromethane	145
Chloroethane	146
Chloroform	147
Chloromethyl methyl ether	148
Chlorophenyl-4 phenyl ether	149
Chloroprene	151
Chlorothalonil	152
Chlorpyrifos	153
Chromium (total) ¹	154
Chromium, hexavalent	155
Chromium, trivalent	156
Chrysene (C1-C4)	157
Ciguatera fish poisoning (CFP) biotoxins	158
Cobalt	159
Color	160
Copper	163
Creosote	164
Cresol (mixed isomers)	165
Cryptosporidium	166
Cumene	167
Cyanide	168
Cyanide (as free cyanide)	169
Cyanobacteria hepatotoxic microcystins	170
Cyanobacteria hepatotoxic nodularins	171
Cyanobacteria neurotoxic anatoxins	172
Cyanobacteria neurotoxic saxitoxins	173
Cyclohexane	174
DDD ¹	175
DDE	176
DDT	177
DEHP (di-sec-octyl phthalate)	178

Dacthal	179
Dalapon	180
Debris/Floatables/Trash	181
Demeton	182
Di(2-ethylhexyl) adipate	183
Diallate	184
Diaminotoluene (mixed isomers)	185
Diarrhetic shellfish poisoning (DSP) biotoxins	186
Diazinon	187
Dibenz[a,h]anthracene	188
Dibenzofuran	189
Dibutyl phthalate	190
Dichlorobenzene (mixed isomers)	191
Dichlorobromomethane	192
Dichlorodifluoromethane	193
Dichloromethane	194
Dichlorotrifluoroethane	195
Dichlorvos	196
Dicofol	197
Dieldrin	198
Diethyl phthalate ¹	199
Dimethyl phthalate	200
Dinitro-o-cresol	201
Dinitrophenols	N/A
Dinoseb	202
Dioxin (including 2,3,7,8-TCDD)	203
Diquat	204
Disulfoton	206
Diuron	207
Dyfonate (Fonofos or Fonophos)	208
EPTC	209
Endosulfan	210
Endosulfan sulfate	211
Endothall	212
Endrin	213
Endrin aldehyde	214
Enterococcus	215
Epichlorohydrin	216
<i>Escherichia coli</i> (<i>E. coli</i>)	217
Ethelyne dibromide	219
Ether, bis(chloromethyl)	220
Ethylbenzene	221
Ethylene	222
Ethylene glycol	223

Ethylene oxide	224
Ethylene thiourea	225
Fish-passage barrier	228
Fish kills	229
Fluometuron.....	231
Fluoranthene	232
Fluorene	233
Fluoride.....	234
Foam/Flocs/Scum/Oil Slicks	235
Formaldehyde	236
Formic acid	237
Furan compounds.....	238
<i>Giardia lamblia</i>	239
Glyphosate.....	240
Gold	241
Guthion.....	242
Heptachlor	244
Heptachlor epoxide	245
Hexachlorobenzene.....	246
Hexachlorobutadiene.....	247
Hexachlorocyclohexane	248
Hexachlorocyclohexane	249
Hexachlorocyclohexane-Technical	N/A
Hexachlorocyclohexane (mixture)	250
Hexachlorocyclopentadiene.....	251
Hexachloroethane	252
Hexachlorophene	253
Hexamethylphosphoramide.....	254
Hydrazine.....	255
Hydrochloric acid.....	256
Hydrogen cyanide.....	257
Hydroquinone.....	258
Indeno[1,2,3-cd]pyrene.....	259
Iron	260
Isobutyraldehyde.....	261
Isophorone	262
Isopropanol	263
Isosafrole	264
Kepone.....	265
Lead	267
Lindane	268
Linuron.....	269
Malathion	271
Maleic anhydride.....	272

Manganese.....	273
Mercury	274
Methacrylonitrile	275
Methanol.....	276
Methoxychlor	277
Methyl Parathion	278
Methyl Tertiary-Butyl Ether (MTBE)	279
Methyl bromide	280
Methyl chloride	281
Methyl ethyl ketone.....	282
Methyl hydrazine.....	283
Methyl iodide	284
Methyl isobutyl ketone	285
Methyl methacrylate.....	286
Methylene bromide.....	287
Methylene chloride (dichloride).....	N/A
Methylmercury.....	288
Mirex	289
Molinate	290
Molybdenum	291
N-Nitroso-N-ethylurea	292
N-Nitroso-N-methylurea	293
N-Nitrosodimethylamine	294
N-Nitrosodibutylamine	N/A
N-Nitrosodiethylamine	N/A
N-Nitrosodiphenylamine	295
N-Nitrosodipropylamine	296
N-Nitrosomorpholine	297
N-Nitrosopiperidine.....	298
N-Nitrosopyrrolidine	N/A
Naphthalene.....	299
Neurotoxic shellfish poisoning (NSP) biotoxins	300
Nickel	301
Nitrate	302
Nitrilotriacetic acid	303
Nitrobenzene	304
Nitrodibutylamine,N	305
Nitrofen	306
Nitrogen, Nitrite	307
Ammonia (Total)	308
Nitroglycerin	309
Nitrosamines	310
Nitrosodiethylamine,N	311
Octachlorostyrene.....	314

Octochloronaphthalene	315
Odor threshold number	316
Oil and Grease	317
Other anthropogenic substrate alterations	318
Other flow regime alterations	319
Oxadiazon	320
Oxamyl (Vydate)	321
Oxygen, Dissolved	322
PCB-1242	323
PCB-1248	324
PCB-1254	325
PCB-1260	326
Paraldehyde	327
Paralytic shellfish poisoning (PSP) biotoxins	328
Parathion	329
Pentachlorobenzene	332
Pentachloroethane	333
Pentachlorophenol (PCP)	334
Perchlorate	335
Phenanthrene	337
Phenol ¹	338
Phosphate	340
Phosphorus, Elemental	341
Photomirex	342
Phthalic anhydride	343
Picloram	345
Picric acid	346
Polybrominated Biphenyls	347
Polychlorinated biphenyls	348
Prometon (Prometone)	349
Pronamide	350
Propanil (DCPA mono- and di-acid degrad	351
Propionaldehyde	352
Propoxur	353
Propylene Glycol	354
Propylene oxide	355
Pyrene ¹	356
Pyridine	357
Quinoline	358
Quinone	359
Quintozene	360
RDX	361
Radium	362
Radium 226	363

Radium 228	364
Safrole	366
Salinity	367
Sedimentation/Siltation	371
Selenium	372
Silica	373
Silicate	374
Silver	375
Simazine	376
Sodium.....	377
Solids (suspended/bedload)	378
Specific conductance	379
<i>Streptococcus</i> , fecal	381
Strontium	382
Styrene	383
Styrene oxide	384
Sulfates	385
Sulfide-Hydrogen Sulfide	386
Temperature, water	388
Terbacil	389
Terbufos	390
Tetrachloroethylene	391
Tetrachlorvinphos	392
Thallium ¹	393
Thiourea	394
Tin	395
Toluene ¹	396
Total benzofluoranthenes	397
Total coliform	398
Total dissolved solids.....	399
Fecal coliform	400
Total Kjeldahl Nitrogen (TKN)	401
Total Organic Carbon (TOC)	402
Total Suspended Solids (TSS)	403
Total Trihalomethane (TTHM)	404
Toxaphene	405
Tributyltin TBT (Tributylstanne)	406
Trichlorfon	407
Trichloroethylene	408
Trichlorofluoromethane (CFC-11)	409
Triethylene Glycol Dichloride	410
Trifluralin	411
Turbidity	413
Uranium.....	414

Vanadium (fume or dust)	415
Vinyl acetate.....	416
Vinyl bromide	417
Vinyl chloride	418
Vinyldene chloride.....	419
Viruses (enteric)	420
Xylenes (total) (mixed)	421
Zinc	423
Zineb.....	424
alpha-Naphthylamine	425
beta-Naphthylamine	426
cis-1,2-Dichloroethylene	427
m-Cresol	428
m-Dichlorobenzene.....	429
m-Dinitrobenzene	430
m-Xylene	431
n-Butyl alcohol	432
o-Cresol (2-Methylphenol)	433
o-Dichlorobenzene	434
o-Toluidine	435
o-Toluidine hydrochloride	436
o-Xylene	437
p-Dichlorobenzene	438
p-Phenylenediamine	439
p-Xylene	440
pH	441
sec-Butyl alcohol	442
tert-Butyl alcohol.....	443
trans-1,2-Dichloroethylene	444
Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems)	447
Nutrient/Eutrophication Biological Indicators	448
Organic Enrichment (Sewage) Biological Indicators	449
Trivalent arsenic (arsenic III)	451
Nitrogen, Nitrate	452
Chlorine, Residual (chlorine demand)	453
Acidity (cold titration)	454
Acidity, Hot (hot titration)	455
Nitrate/Nitrite (nitrite + nitrate as N)	456
2,3,7,8-Tetrachlorodibenzo-p-dioxin (only)	457
Nitrogen (total)	458
Taste and Odor	459
Whole Effluent Toxicity (WET)	461
Phosphorus (total)	462
Impairment (cause) unknown	463

Single sample toxic exceedence	464
(Methyl-) Mercury in Fish Tissue	467
Mercury in water column	468
Fipronil	469
Gross Alpha	470
PCB in fish tissue	472
PCB in water column	473
Dissolved gas supersaturation	474
Sediment bioassays -- acute toxicity freshwater	475
Other	476
Petroleum hydrocarbons	480
Diesel Fuel	481
Gasoline	482
Kerosene.....	483
Fuel Oil No. 6	484
Fuel Oil No. 5	485
Fuel Oil No. 4	486
n-Nonylbenzene	487
Dodecylbenzene.....	488
Alkylbenzene	489
pH, low	490
pH, high	491
Cyclohexanamine, N-ethyl-1-phenyl-.....	494
Perfluorooctane sulfonate (PFOS)	496
Perfluorooctane sulfonate (PFOS) in fish tissue	497
Chlordane in fish tissue	498
DDT in fish tissue	499
Sludge	502
Residues	506
cis-Chlordane	510
trans-Nonachlor	511
Total inorganic nitrogen as N	512
Total soluble inorganic nitrogen as N	513
Bis(2-chloroethyl) ether	516
Bis(2-chloroisopropyl)ether	517
Dichloropropenes	518
Visible Oil	519
Odor	520
Ethanol	521
Nonylphenol	522
Tritium	523
Aluminum, dissolved	524
Aluminum, total recoverable	525
Selenium, dissolved	526

Selenium, total recoverable	527
Mercury, dissolved	528
Mercury, total	529

--Pollution—

Definition of pollution under the CWA (Section 502[19]): *The man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water.*

The following is a list of measurements and categories considered pollution. There are ADB codes for these, but in and of themselves do not constitute a pollutant; therefore, they will not be included in a 303(d) listing, nor result in a TMDL.

Pollution	<u>ADB Code</u>
Abnormal fish histology (lesions)	67
Alteration in stream-side or littoral vegetative covers	84
Alterations in wetland habitats	85
Ambient bioassays -- acute aquatic toxicity	88
Ambient bioassays -- chronic aquatic toxicity	89
Atlantic sea lamprey, <i>Petromyzon marinus</i>	98
Benthic macroinvertebrate bioassessments	105
Chlorophyll-a	150
Combination benthic/fishes bioassessments	161
Combined biota/habitat bioassessments	162
Dissolved oxygen saturation	205
Excess algal growth	227
Fishes bioassessments	230
Habitat assessment (streams)	243
Lake bioassessments	266
Low flow alterations	270
Non-native fish, shellfish, or zooplankton	313
Periphyton (aufwuchs) indicator bioassessments	336
Secchi disk transparency	368
Suspended algae	387
Trophic state index	412
Zebra mussel, <i>Dreissena polymorph</i>	422
Abnormal fish deformities, erosions, lesions, tumors (DELTS)	445
Habitat assessment (lakes)	446
High flow regime	450
Aquatic plants - native.....	460
Fish advisory - no restriction	465
Sediment screening value (exceedence)	466
Bottom deposits	471

Estuarine bioassessments	218
Eurasian water milfoil, <i>Myriophyllum spicatum</i>	226
Non-native aquatic plants	312
Partial pressure of dissolved gases	330
Particle distribution (embeddedness)	331
Physical substrate habitat alterations.....	344
Sediment bioassays -- chronic toxicity freshwater	369
Sediment bioassays for estuarine and marine water	370
Bacterial slimes.....	477
Aquatic plants (macrophytes)	478
Aquatic algae	479
Aquatic macroinvertebrate bioassessments	492
Aquatic plant bioassessments	493
Lack of a coldwater assemblage	495
Changes in stream depth and velocity patterns	500
Loss of in-stream cover	501
Natural conditions (flow or habitat)	503
Direct habitat alterations	504
Invasive aquatic algae	505
Light attenuation coefficient	507
Electrical conductivity (EC)	508
Sodium Adsorption Ratio (SAR)	509
Algal growth potential (AGP)	514
Plankton count	515